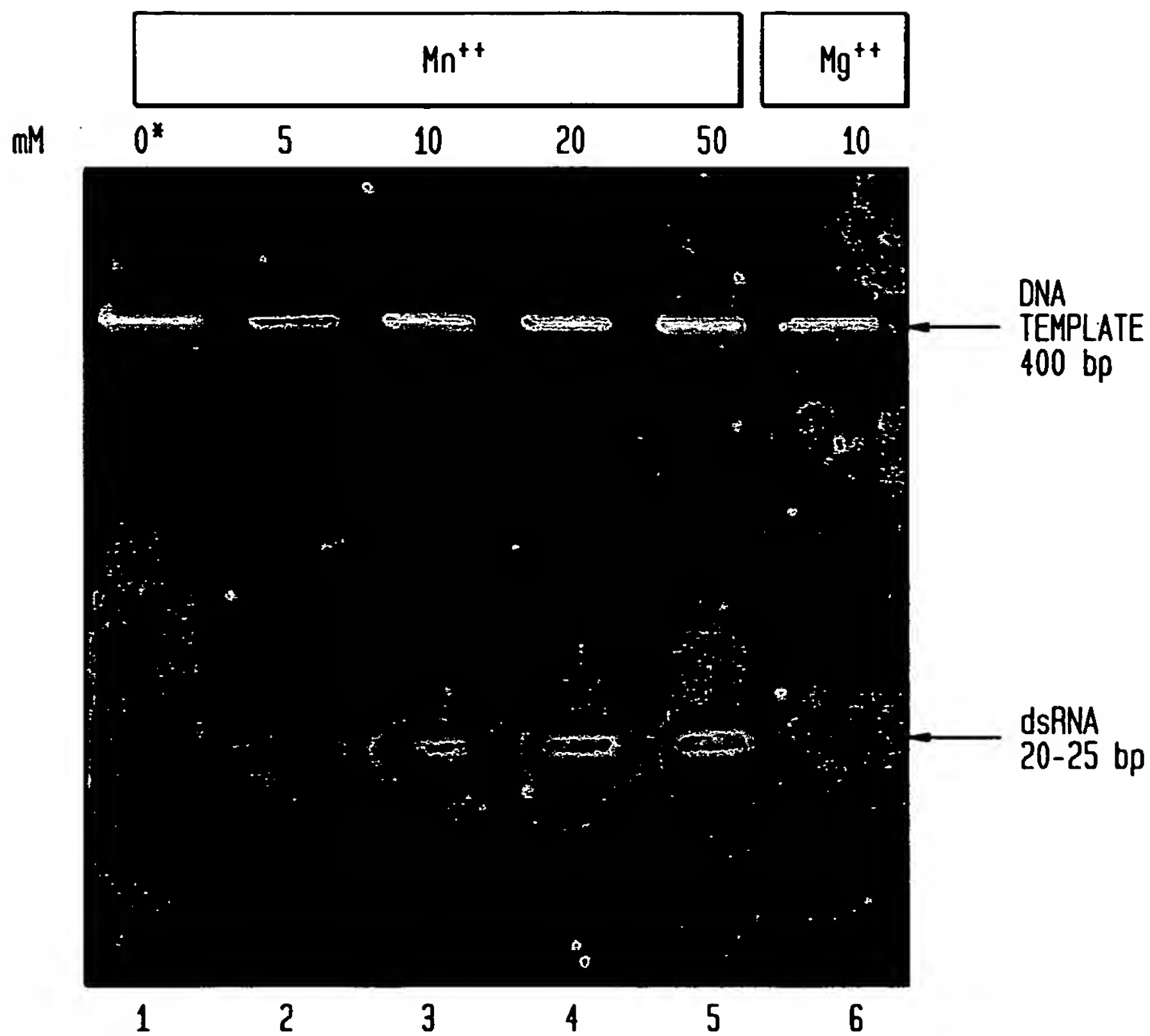




**FIG. 1A**



BEST AVAILABLE COPY

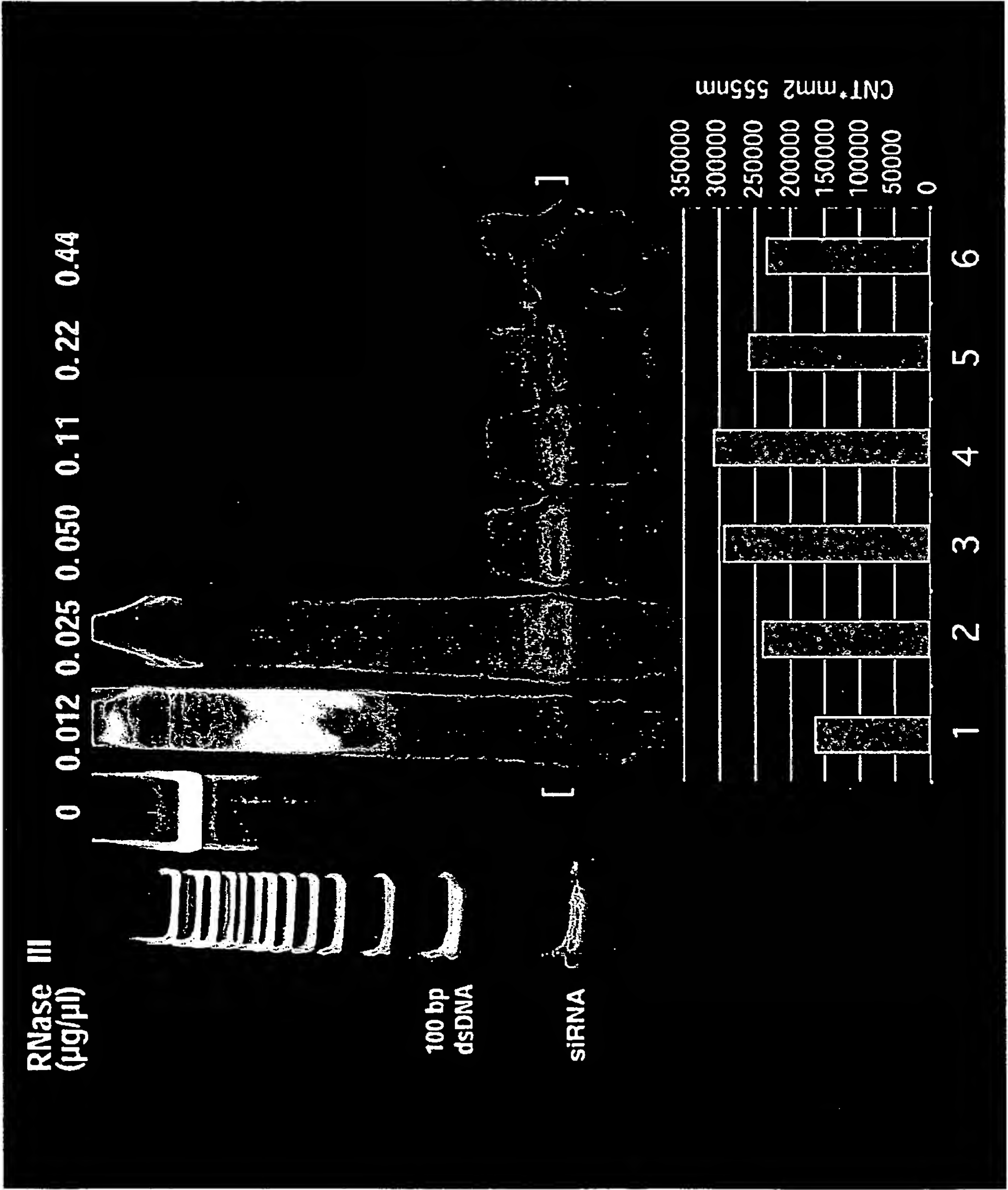
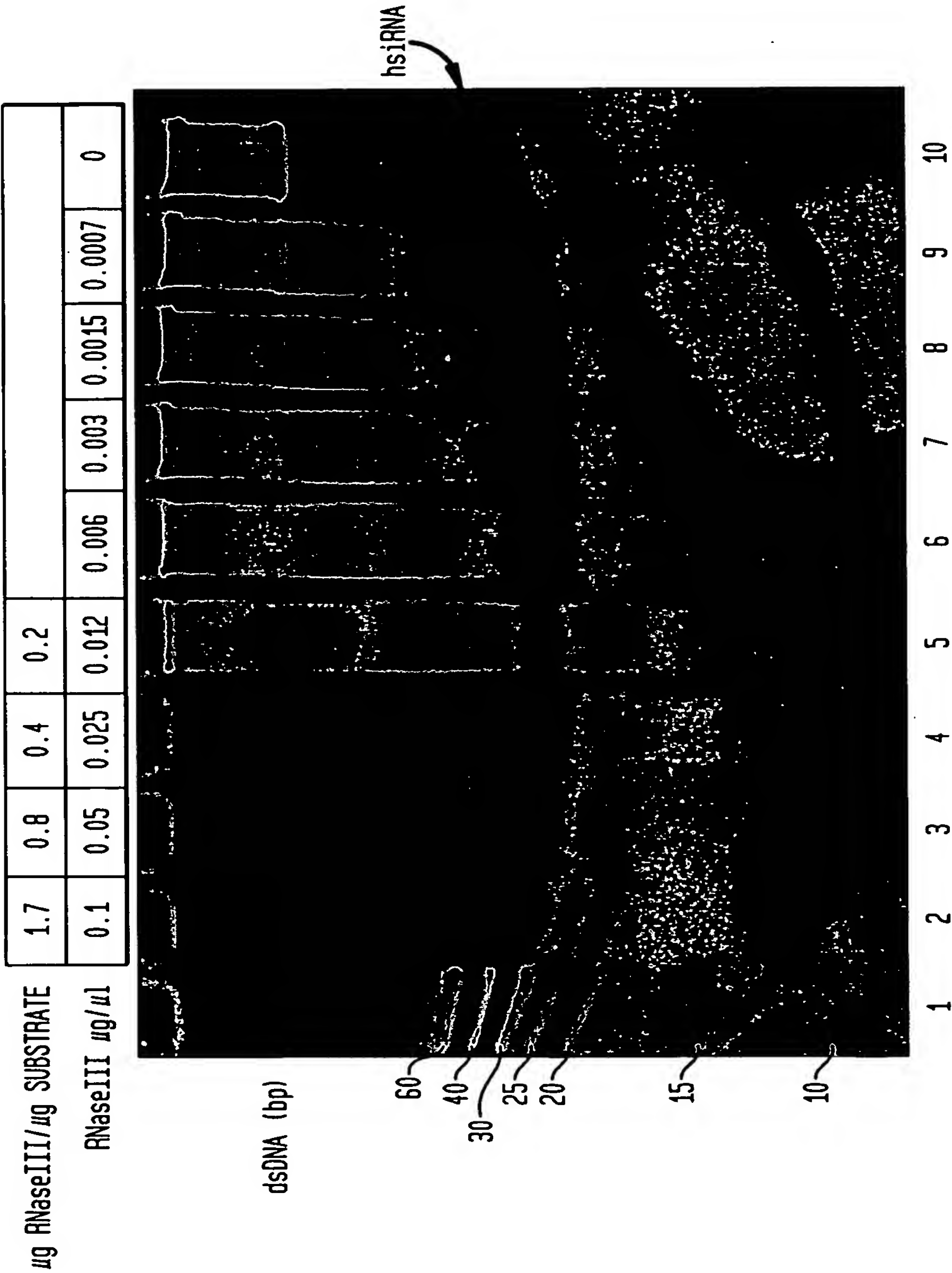
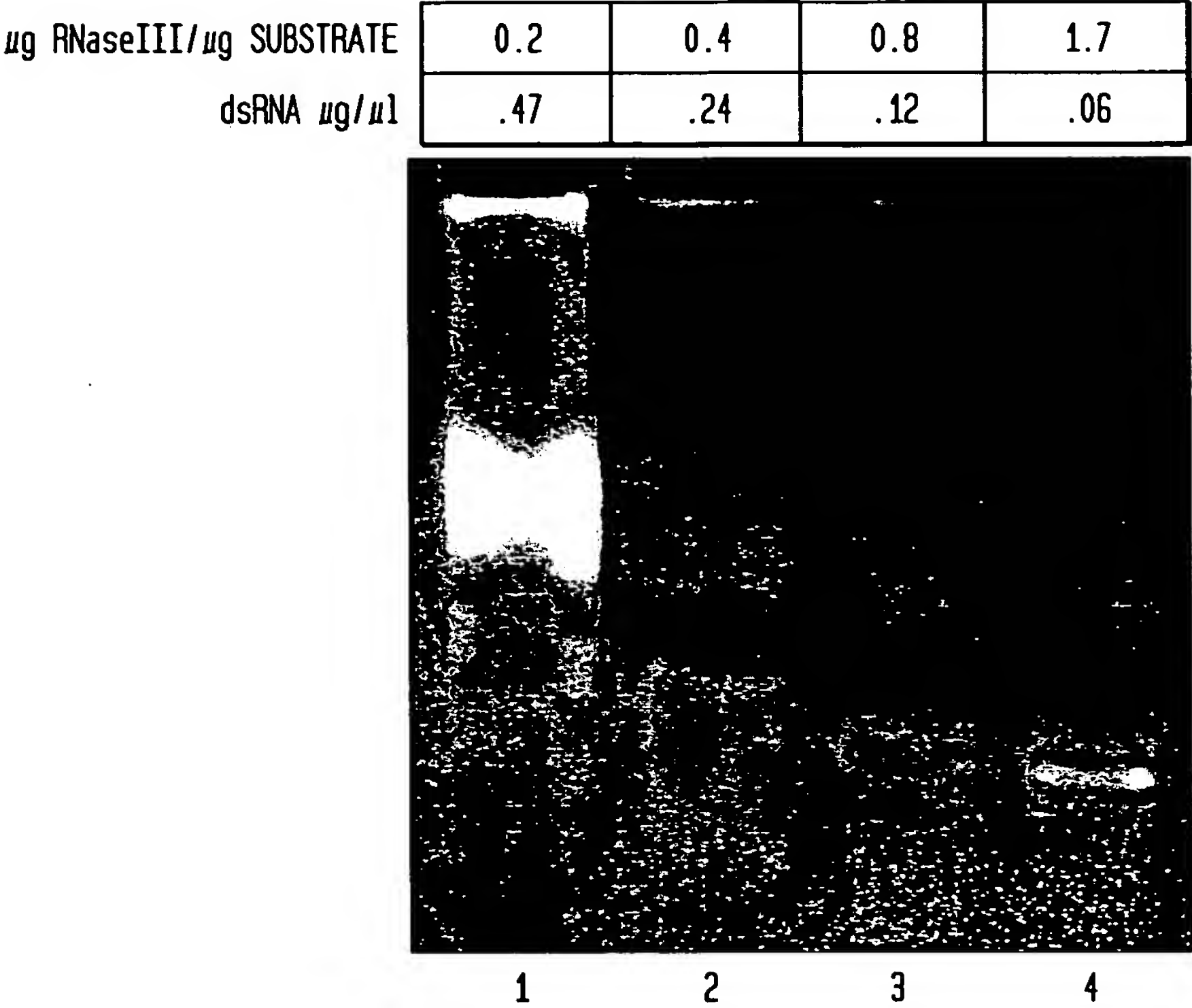


FIG. 1C



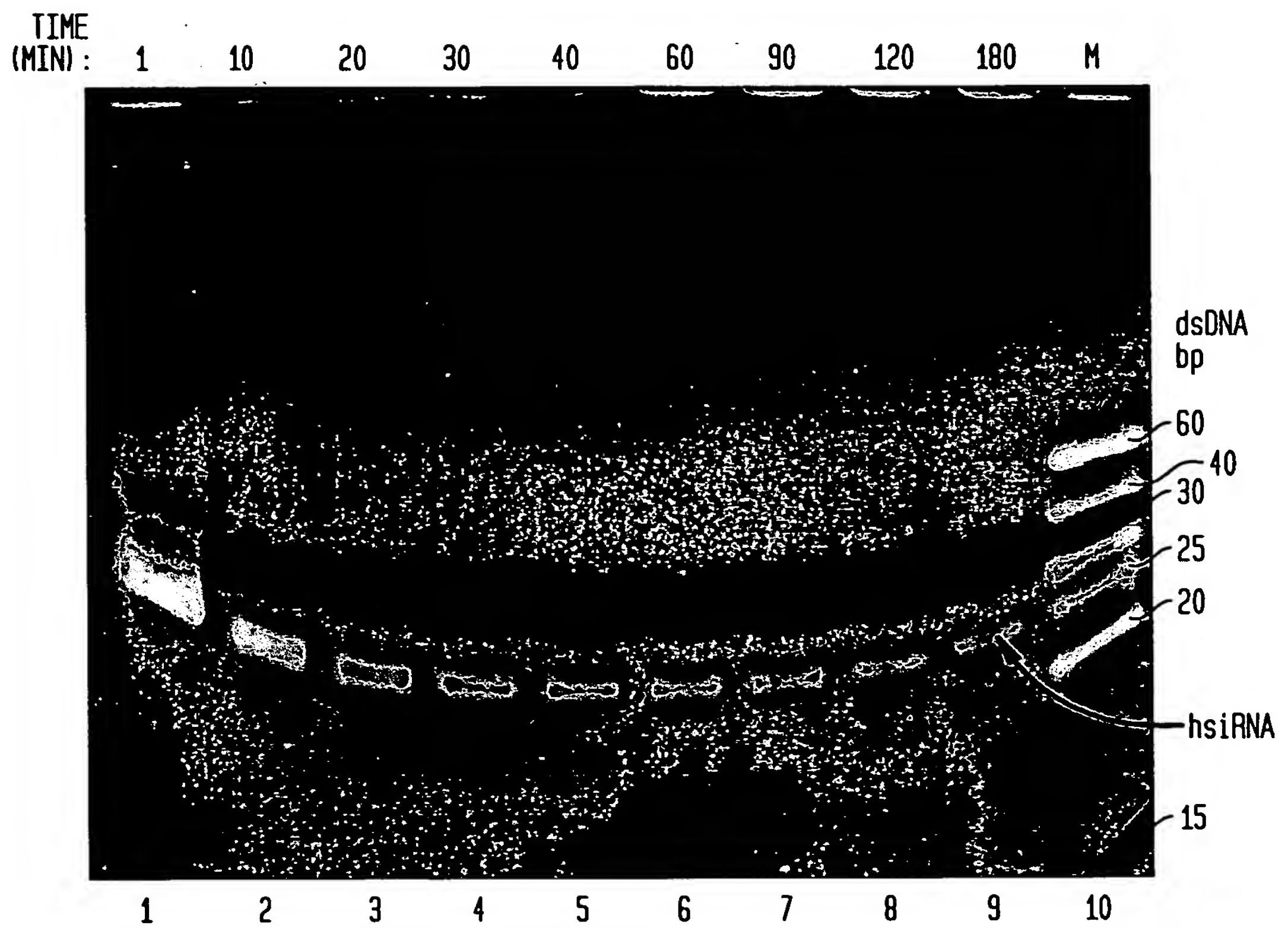
4/24

FIG. 1D



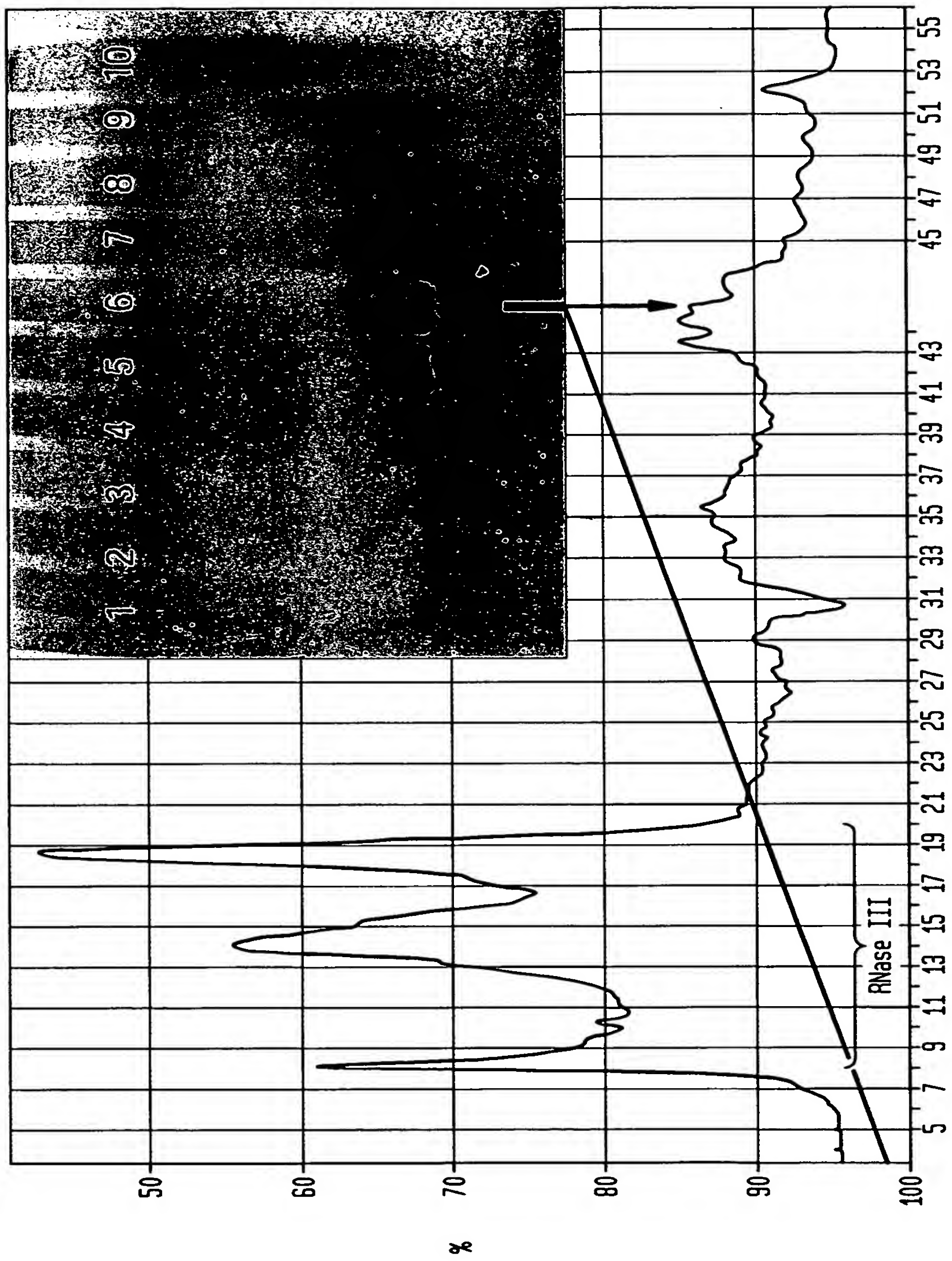
5/24

FIG. 1E



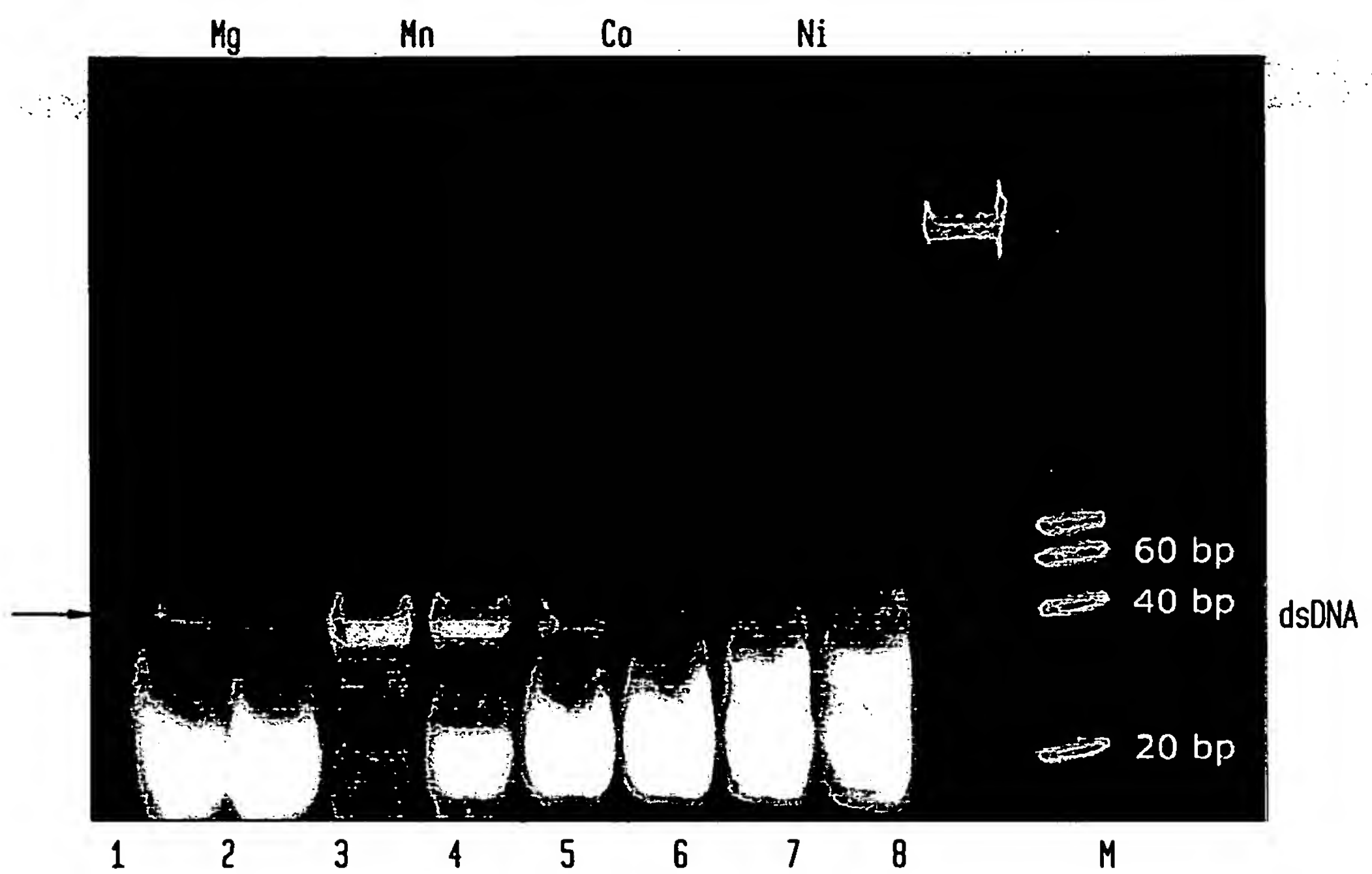
6/24

FIG. 1F



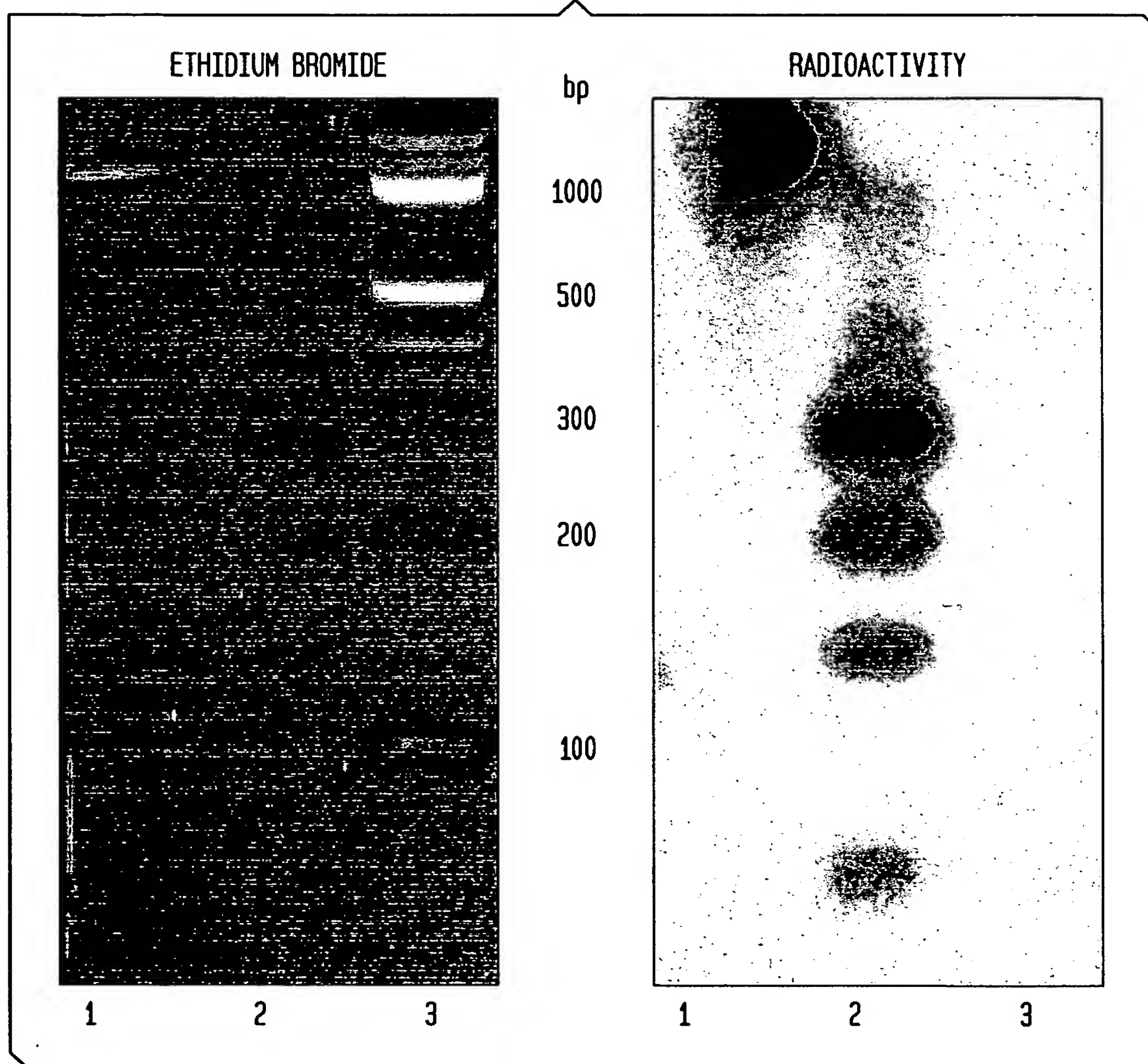
7/24

FIG. 2



8/24

**FIG. 3A**

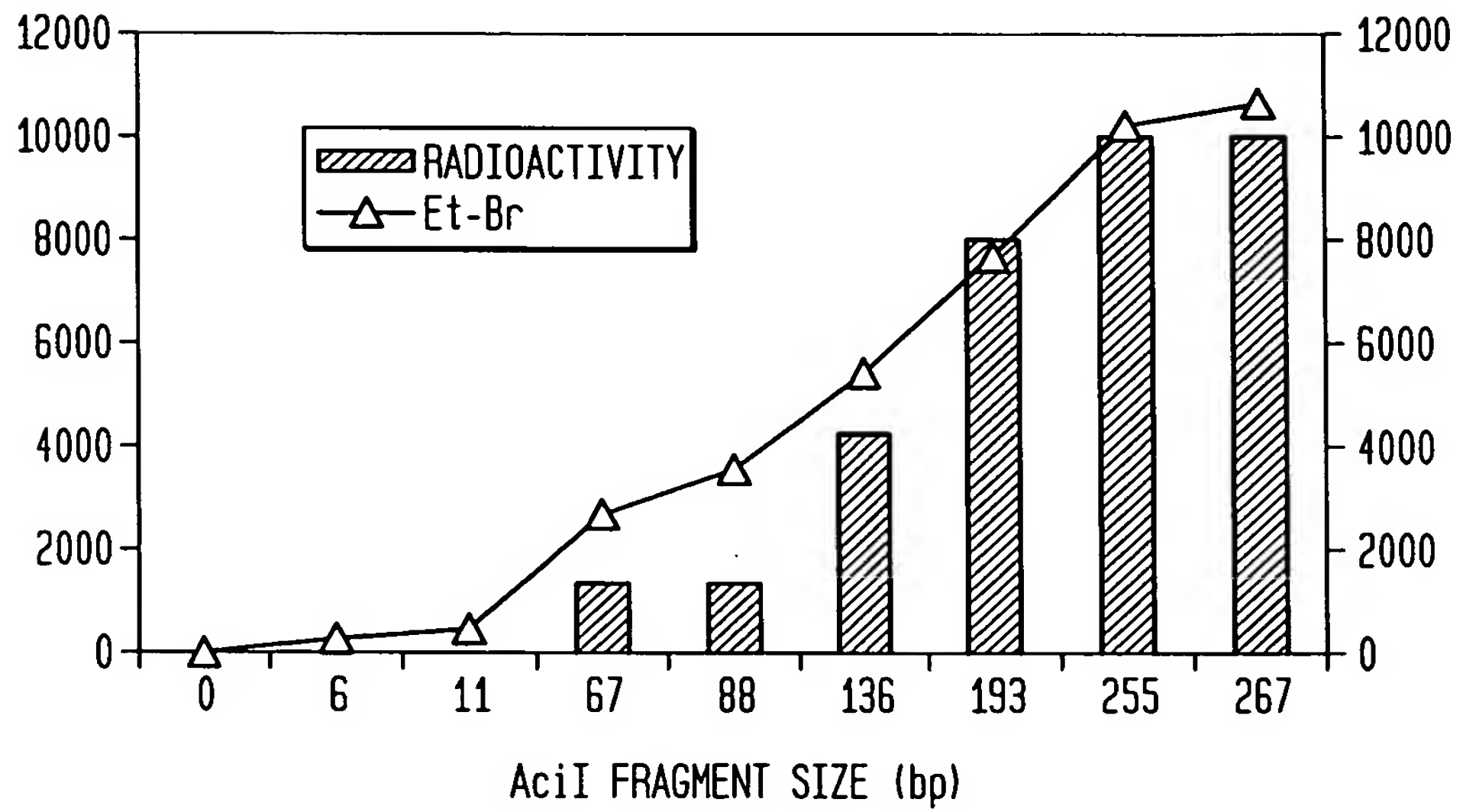




9/24

**FIG. 3B**

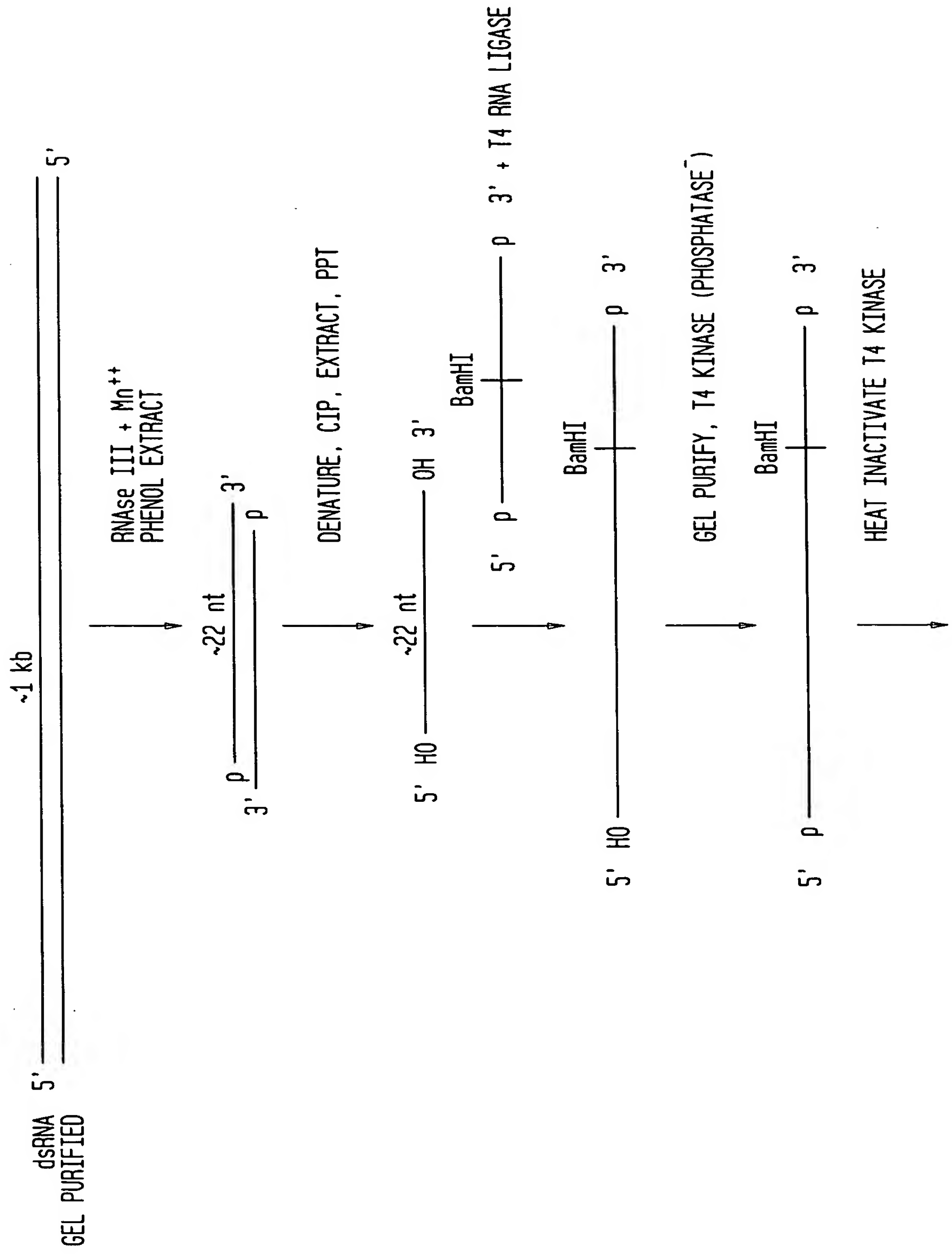
ETHIDIUM BROMIDE AND RADIOACTIVITY INTENSITY



10/24

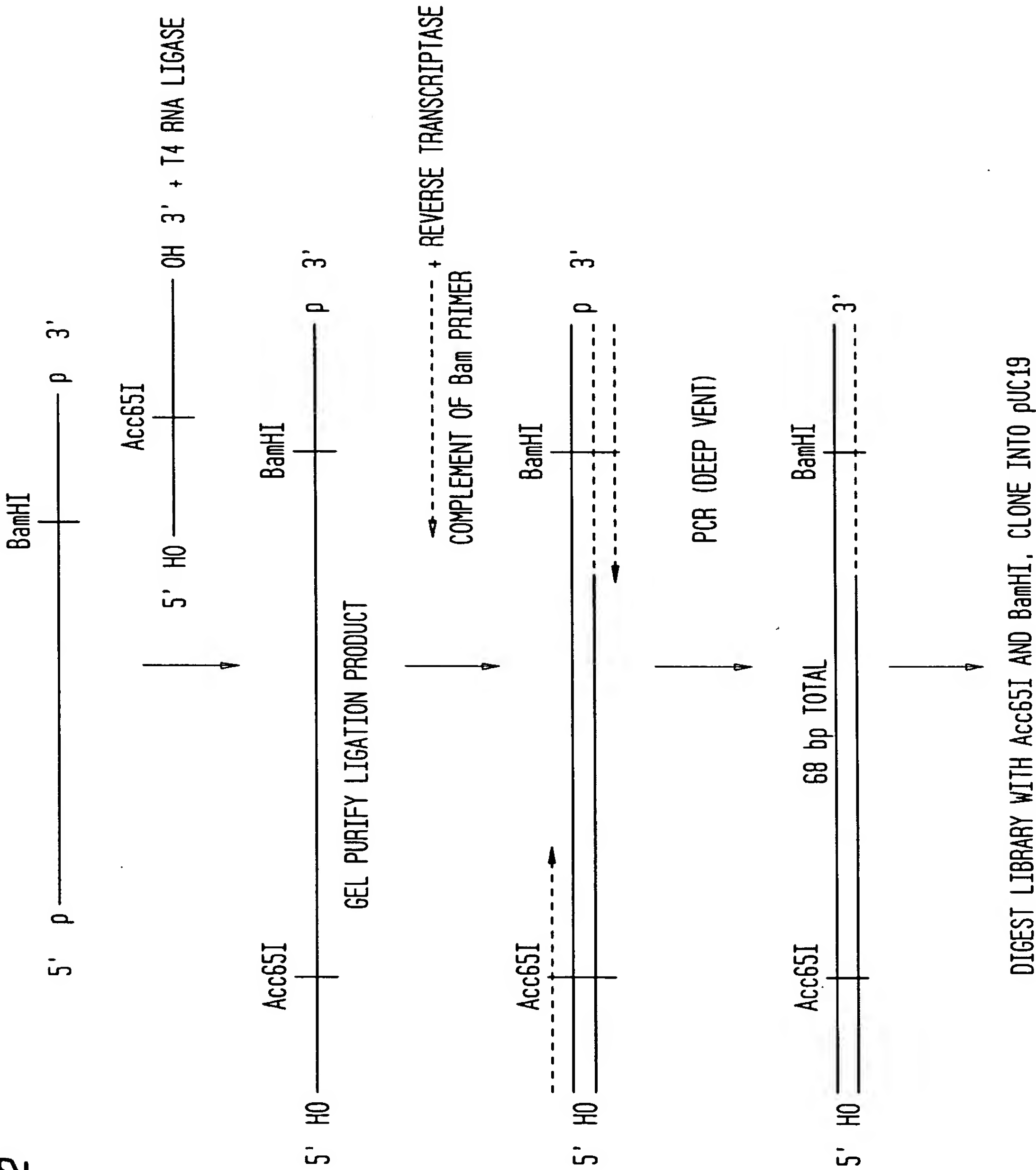
FIG. 4A-1

CLOINING OF RNase III DIGESTION PRODUCTS



11/24

FIG. 4A-2



12/24

FIG. 4B-1

BglII-EcoRI malE fragment cloned in LITMUS 28i:

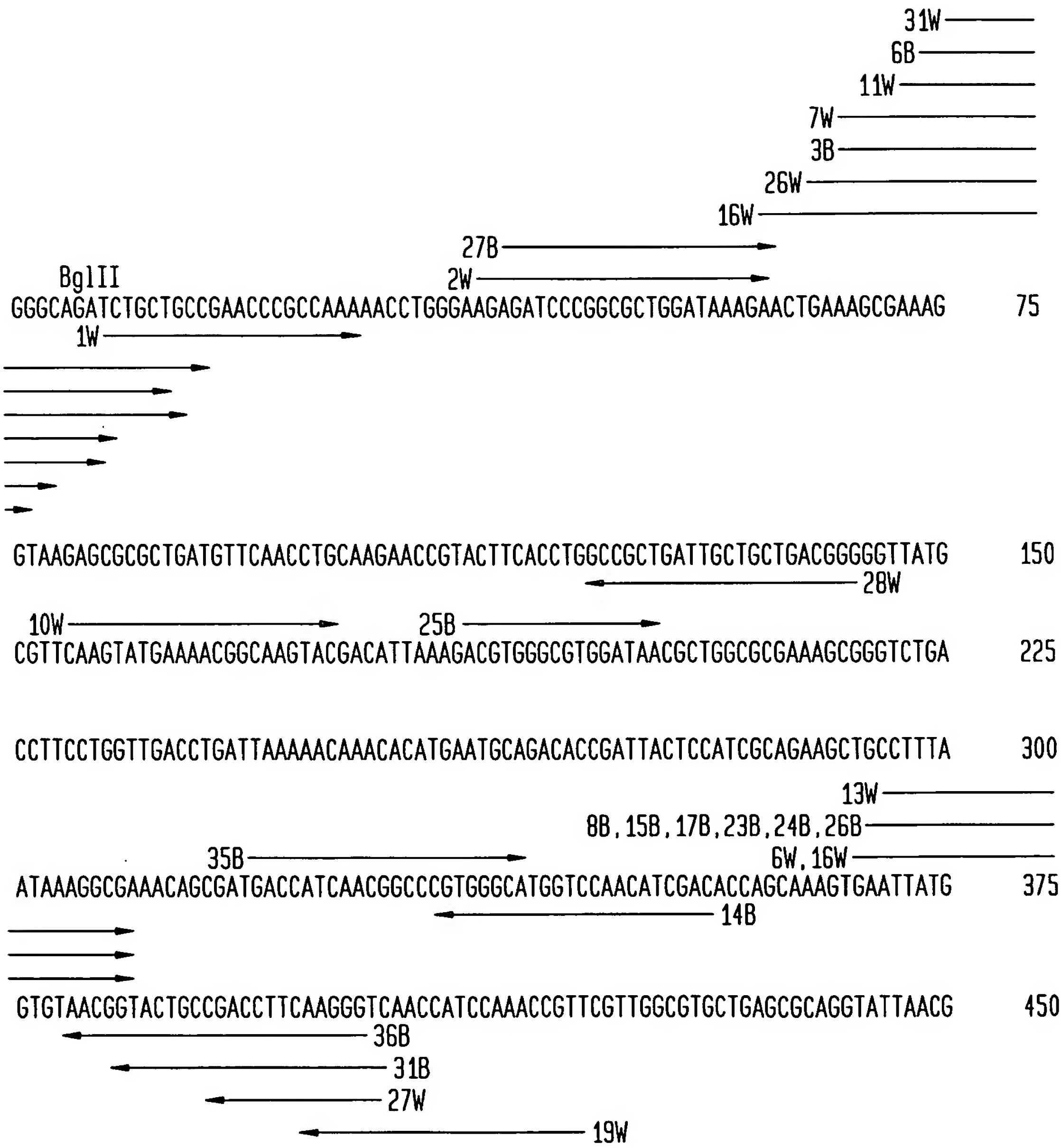
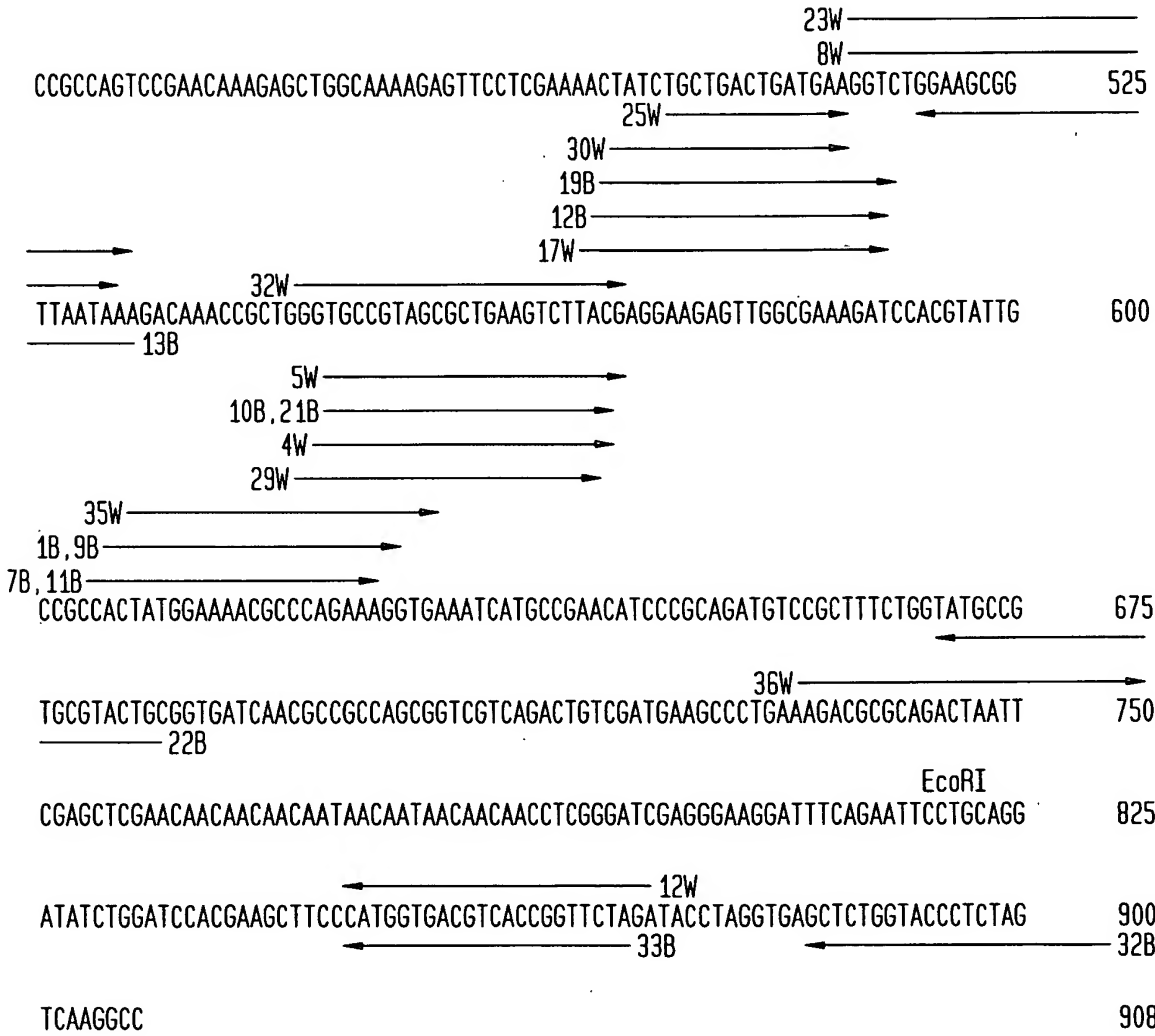


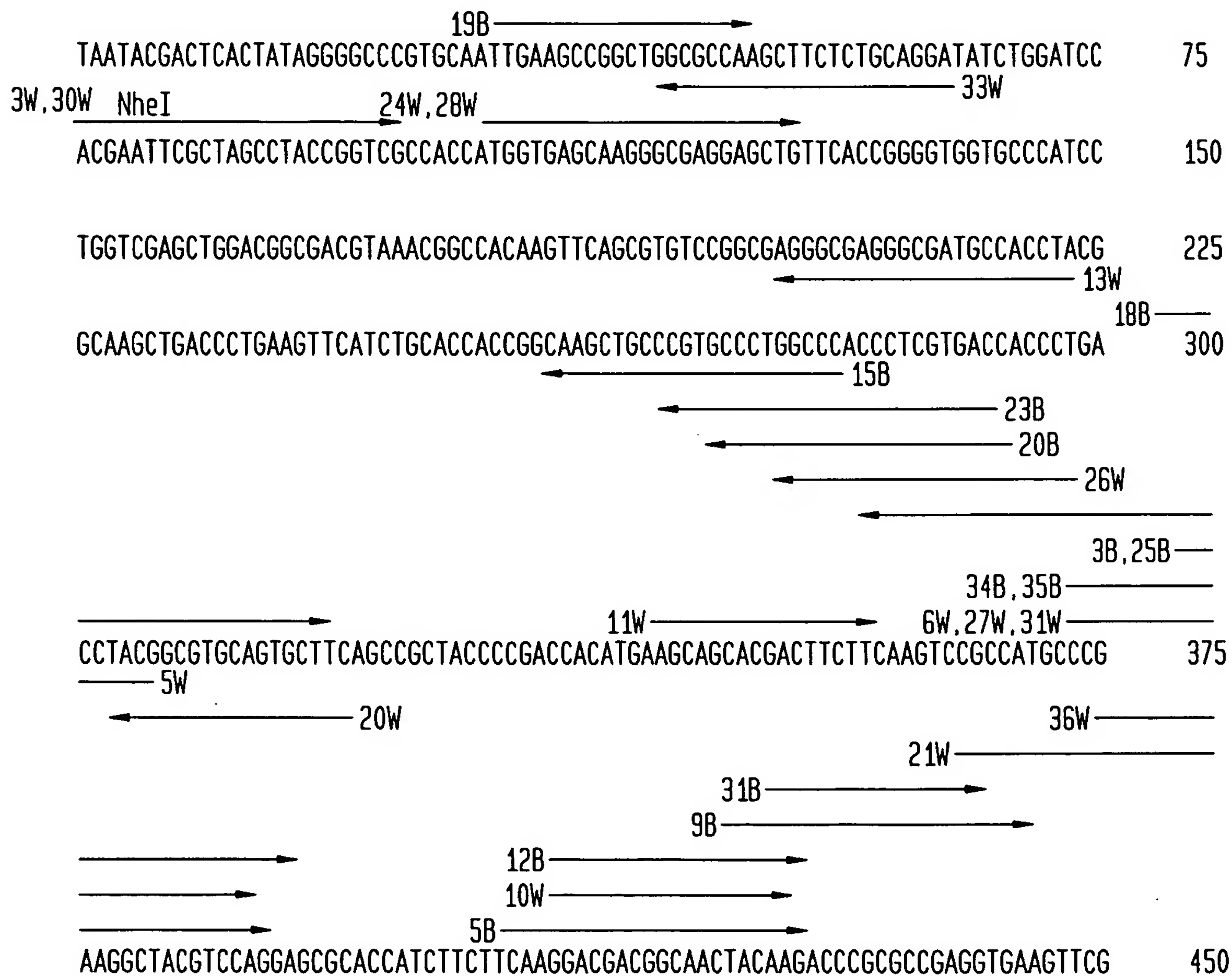
FIG. 4B-2



14/24

**FIG. 4C-1**

NheI-BsrGI GFP fragment cloned in LITMUS 38i:



15/24

FIG. 4C-2

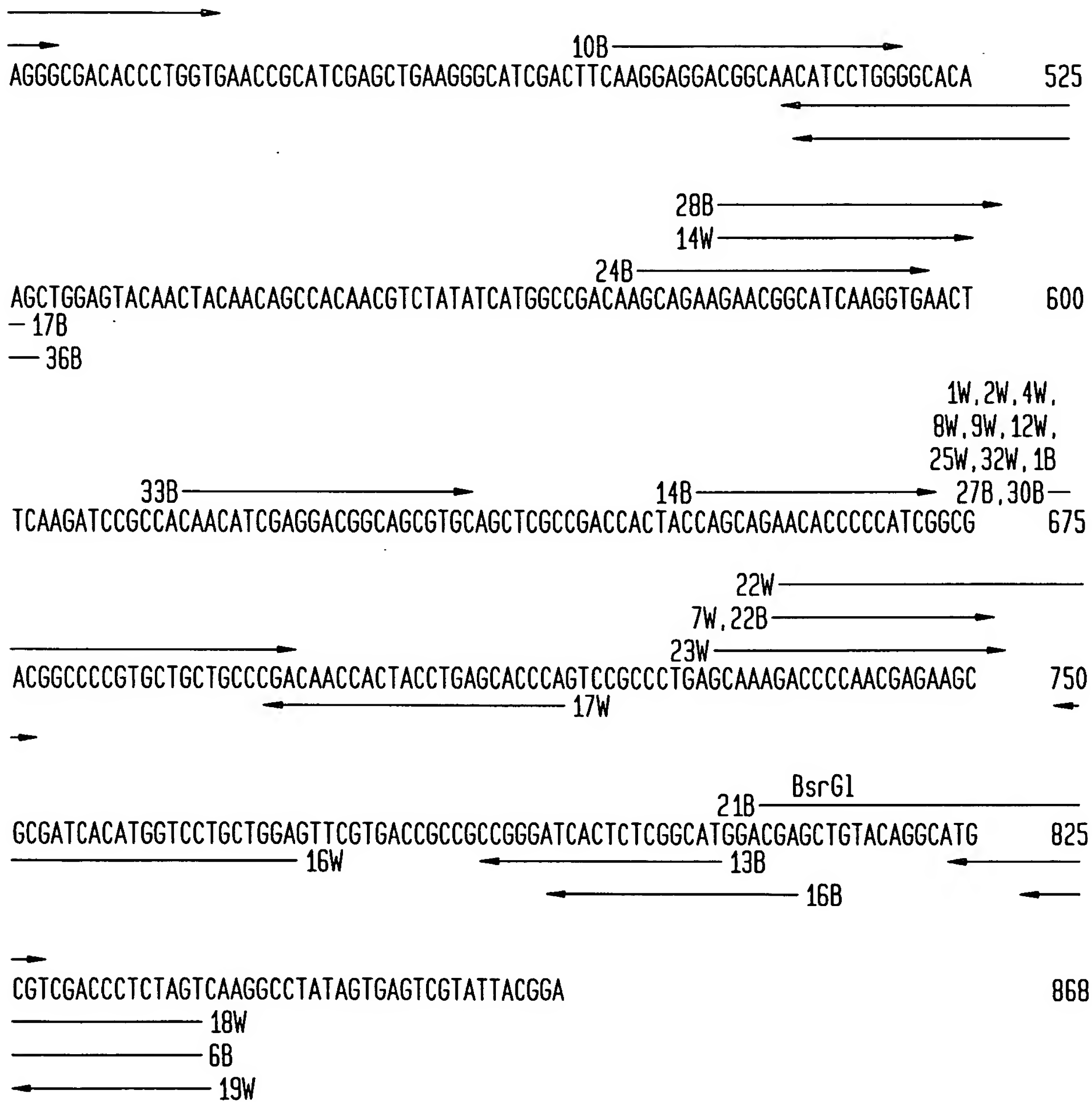
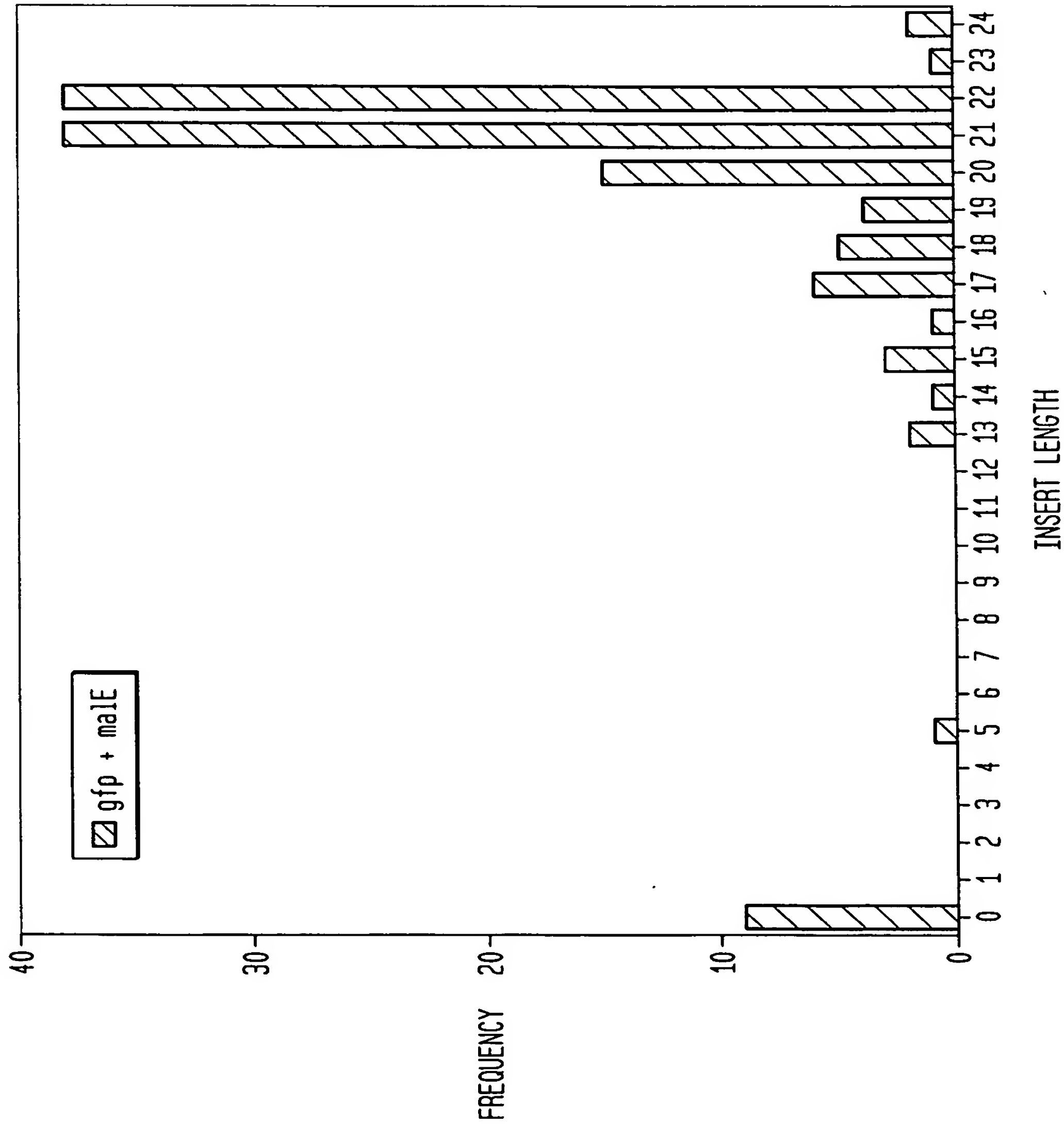


FIG. 4D

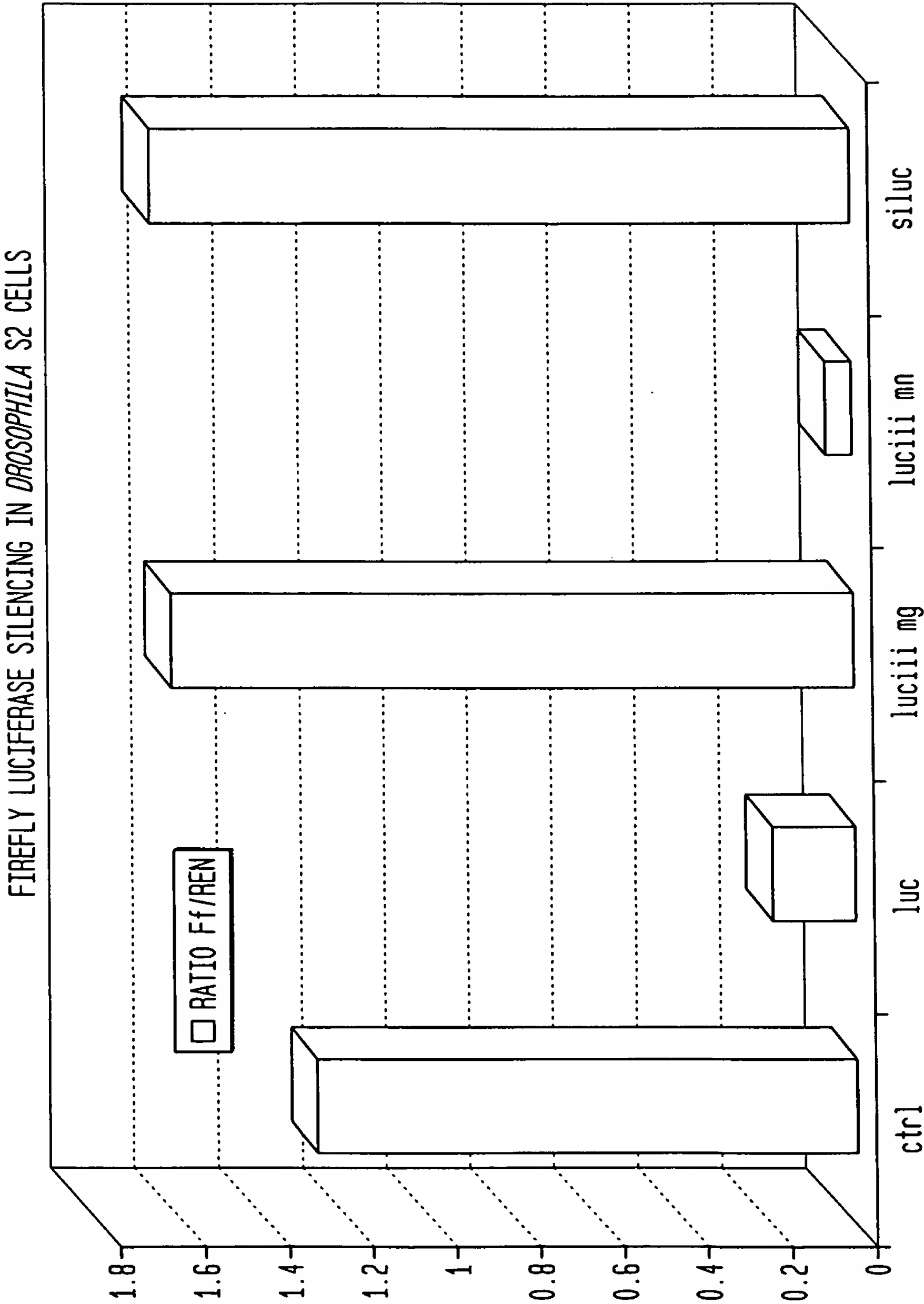


LENGTH	FREQUENCY
0	9
5	1
13	2
14	1
15	3
16	1
17	6
18	5
19	4
20	15
21	38
22	38
23	1
24	2
TOTAL	126



17/24

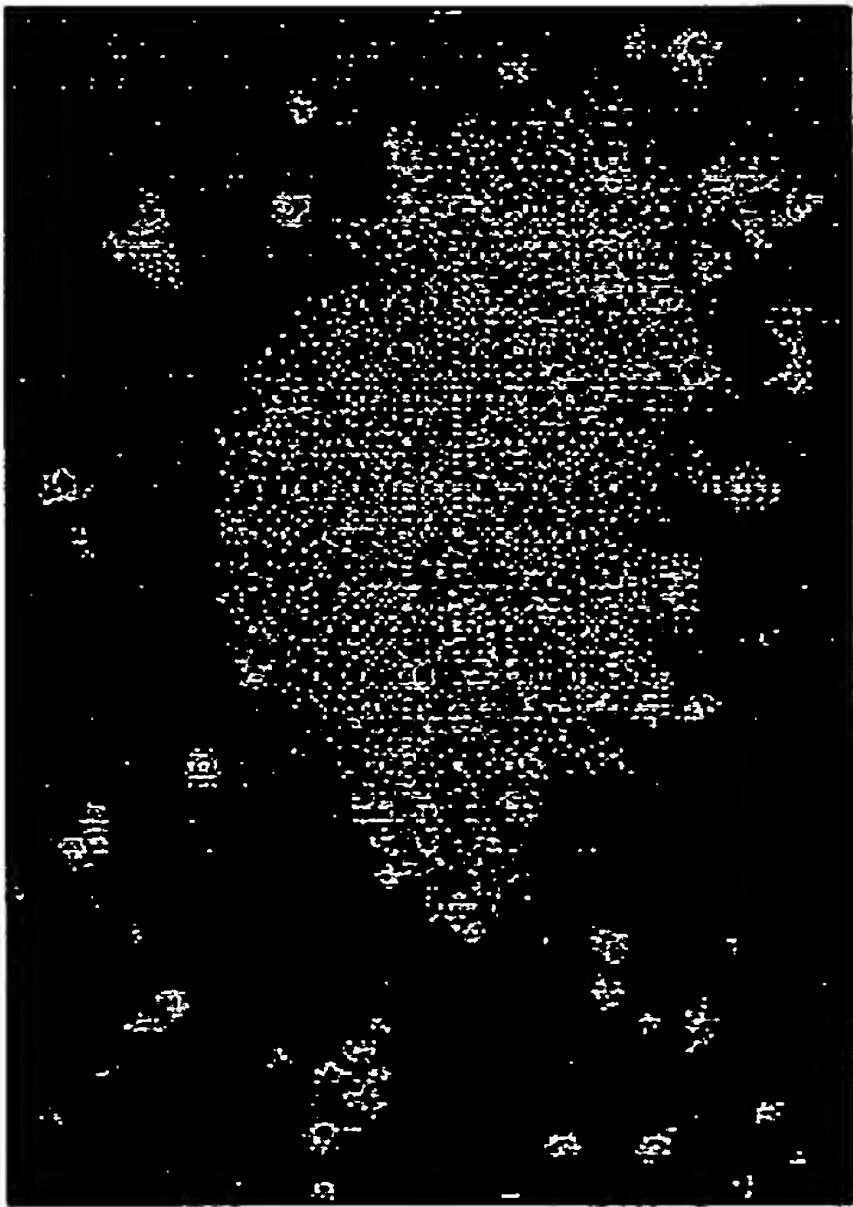
FIG. 5



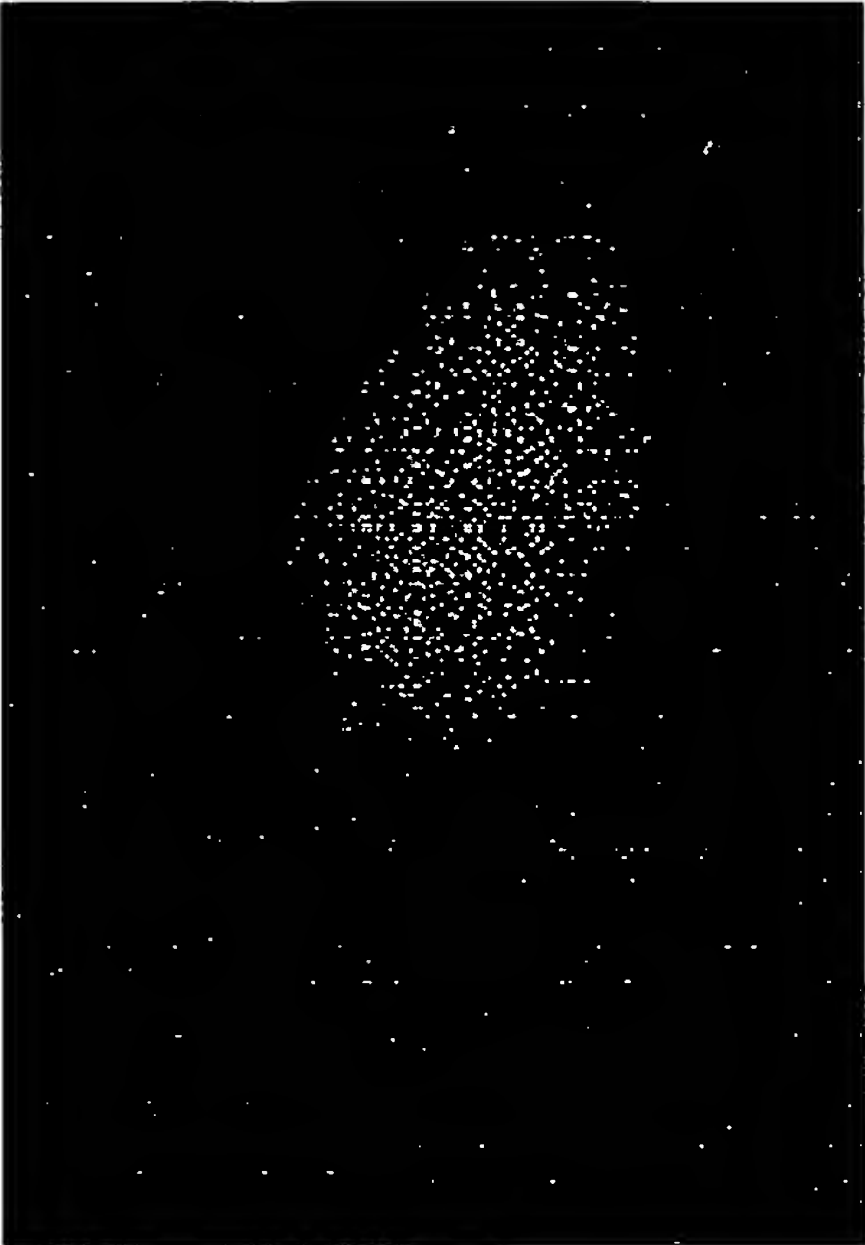
18/24

FIG. 6A

EGFP SILENCING IN HEK-293 CELLS



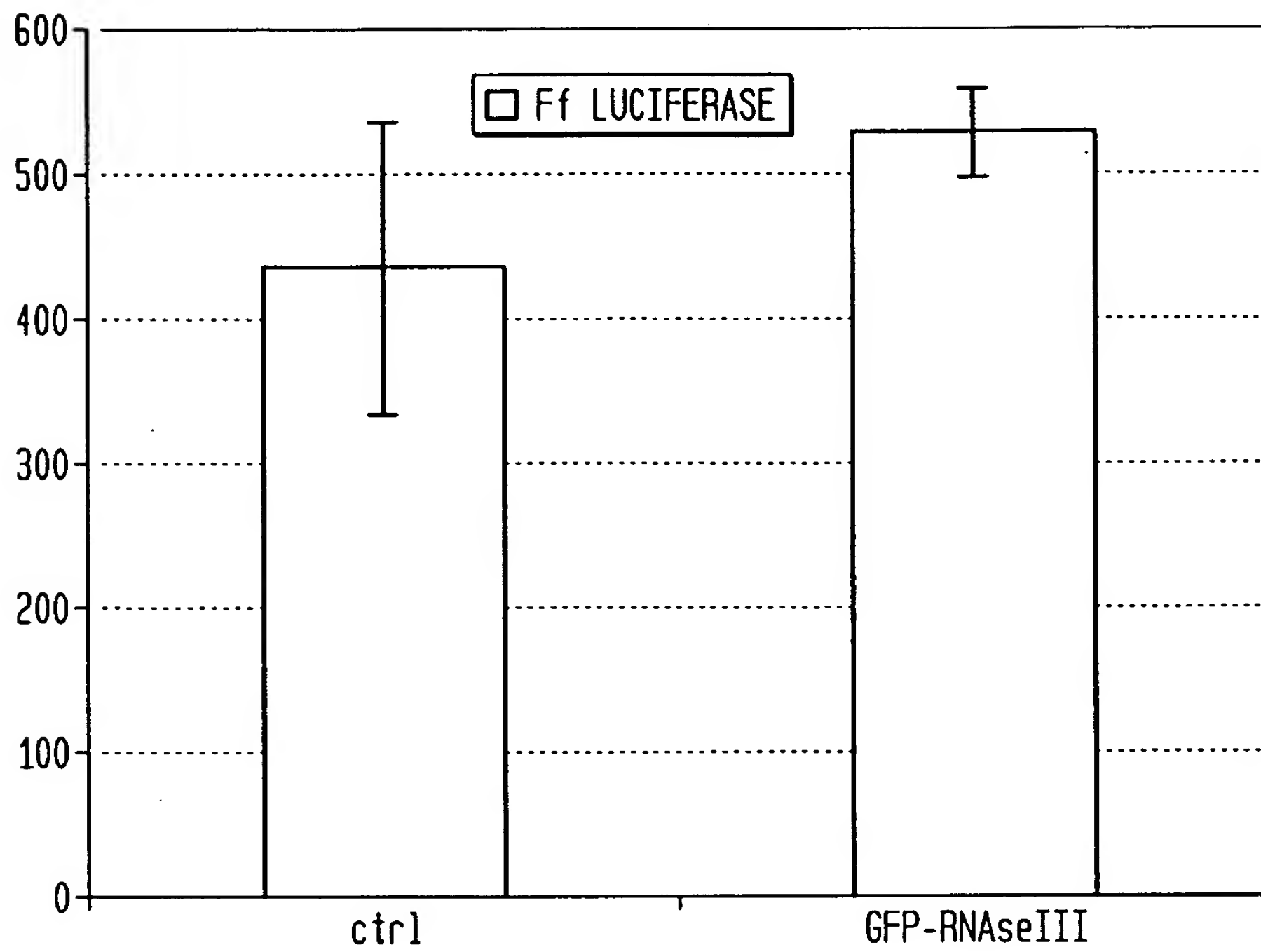
CONTROL



GFP dsRNA RNaseIII Mn<sup>++</sup>

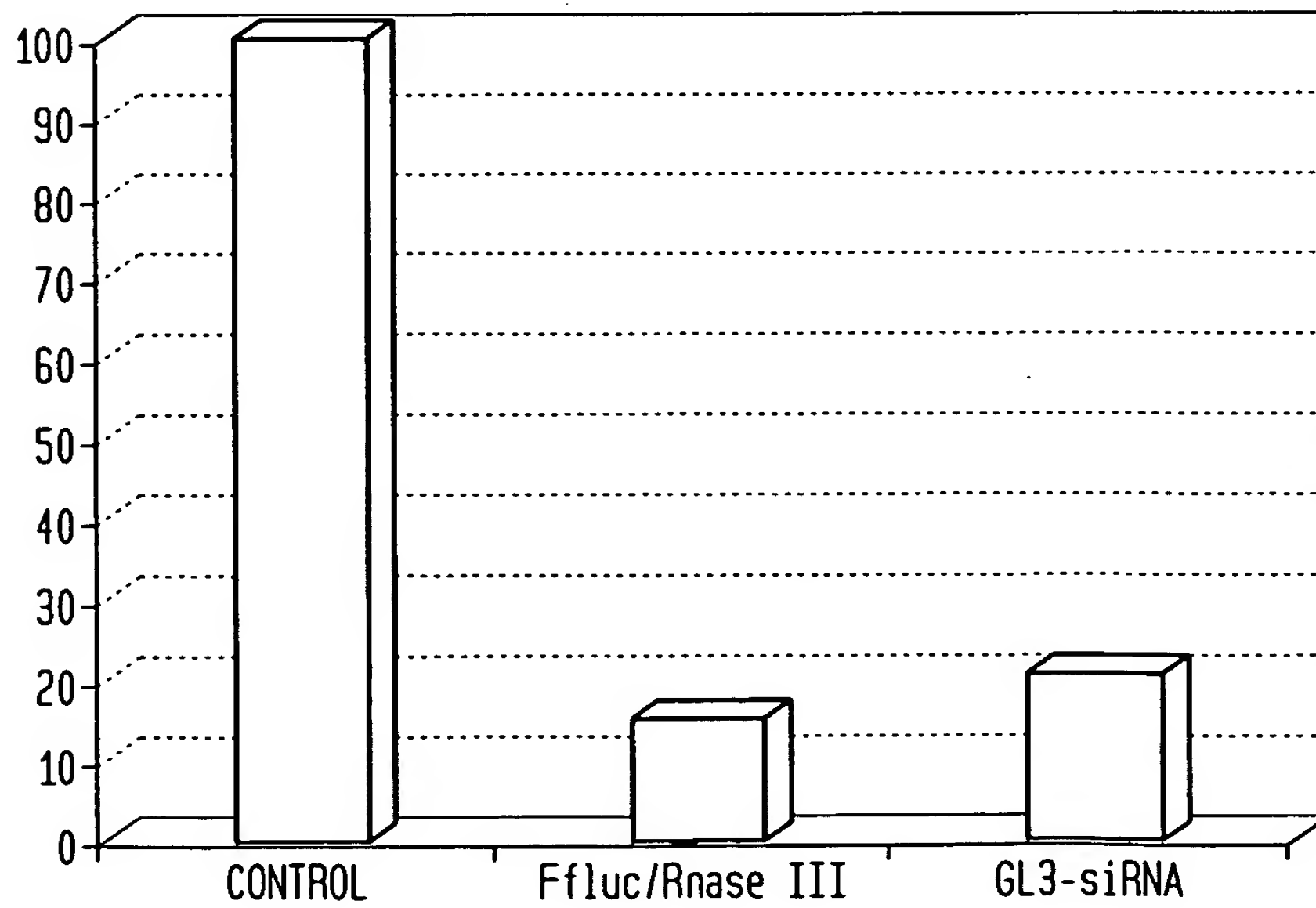
19/24

**FIG. 6B**



**FIG. 6C**

% EXPRESSION



20/24

FIG. 7A

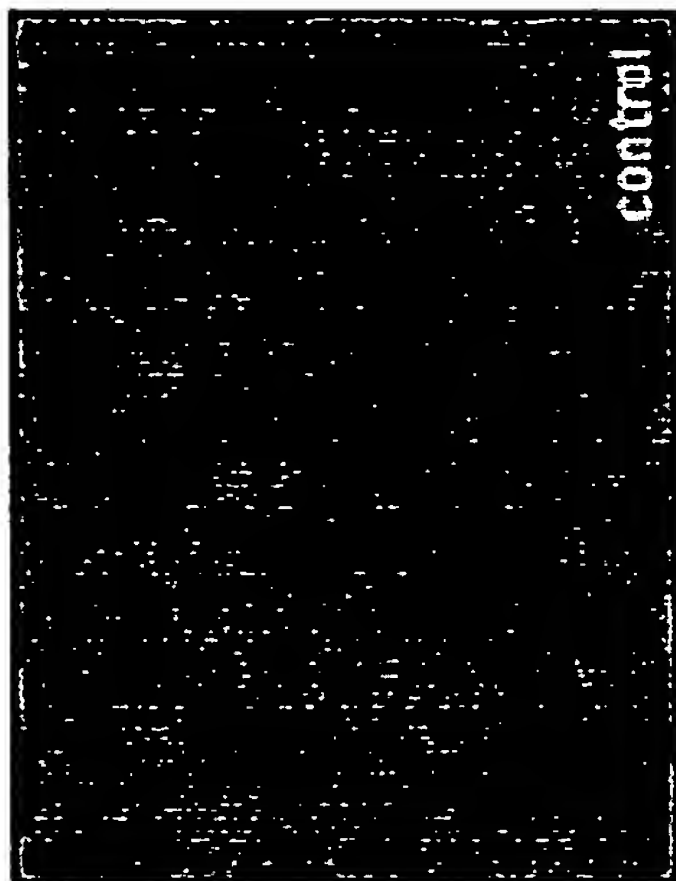


FIG. 7B



FIG. 7C



FIG. 7D

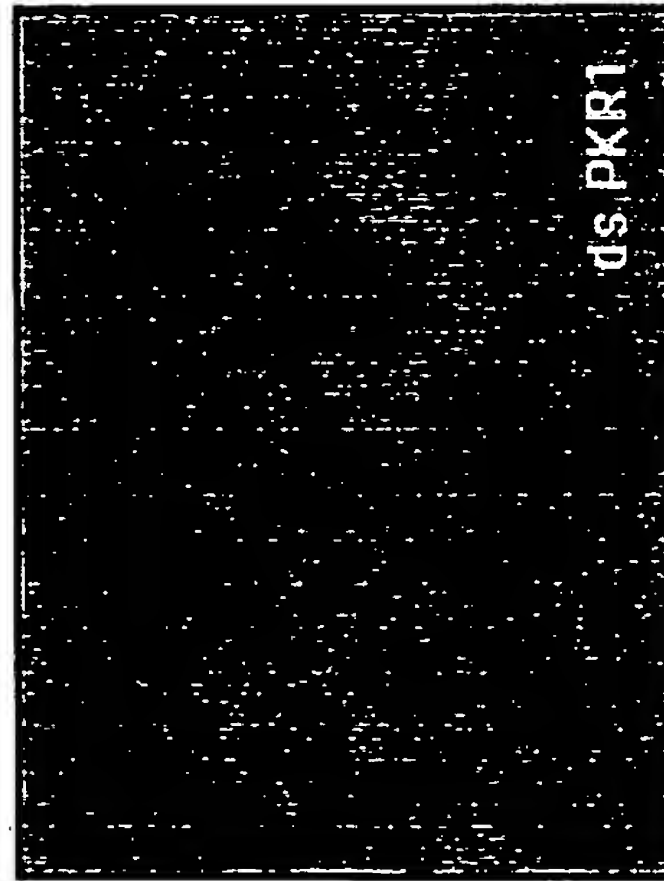
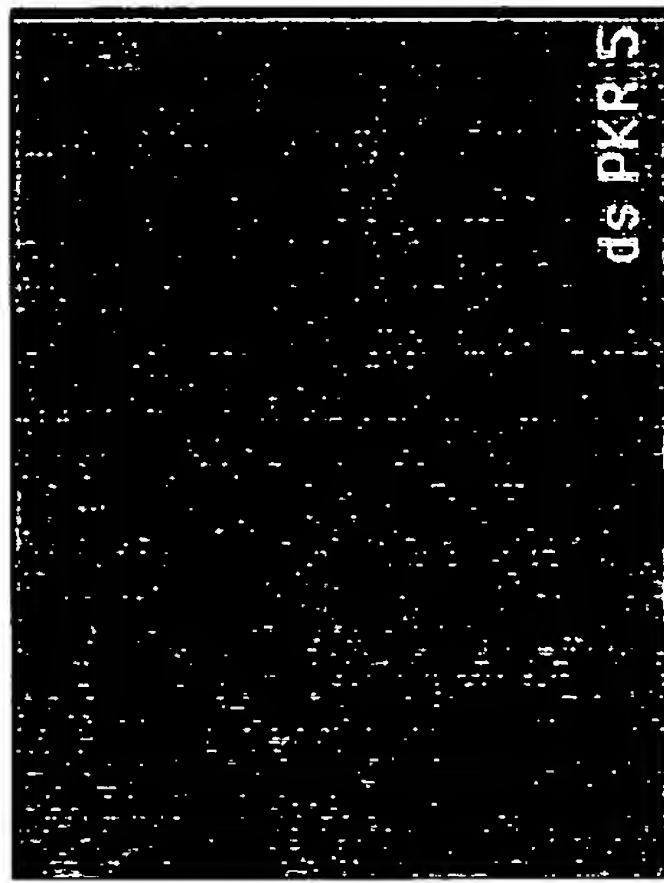
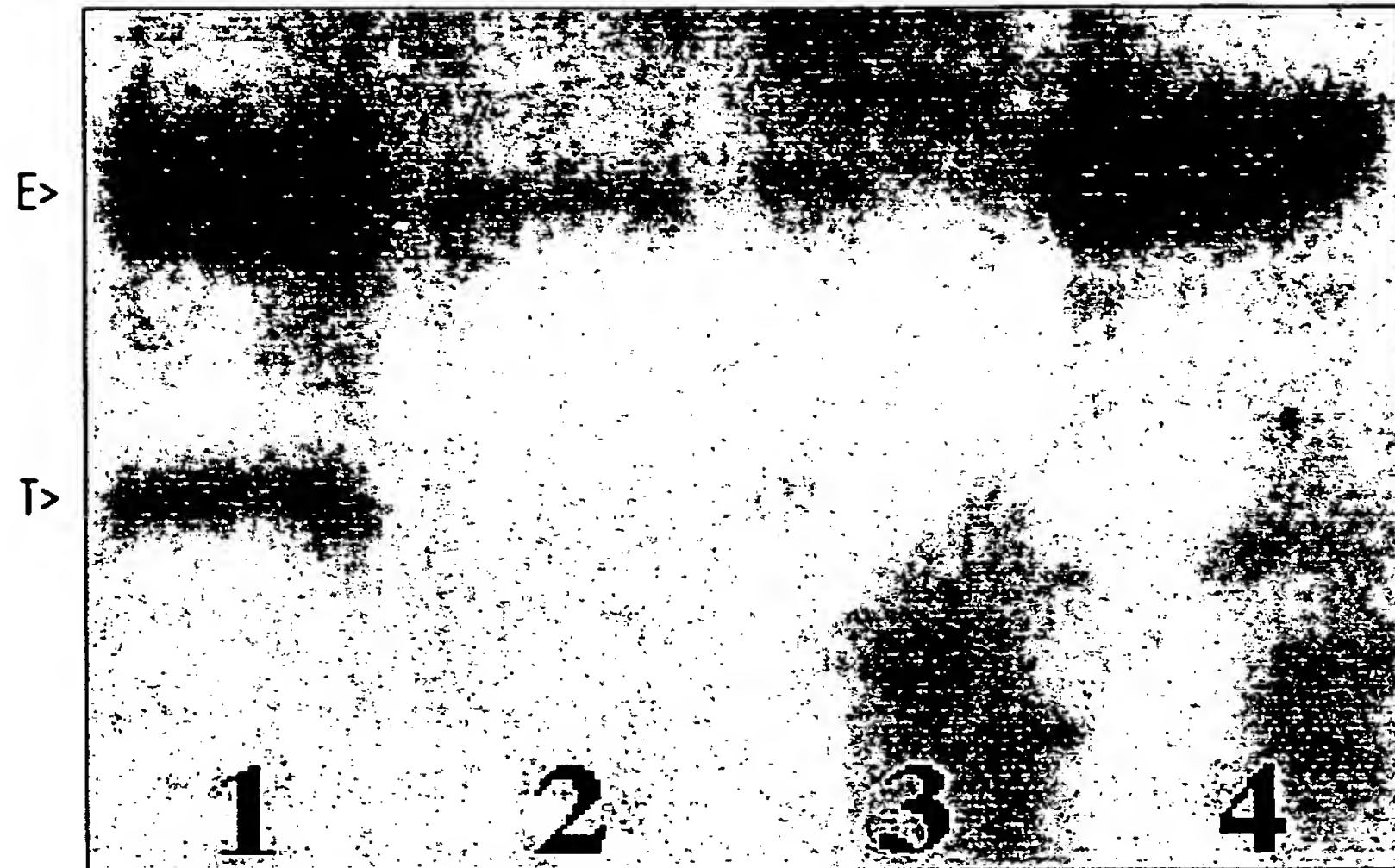


FIG. 7E



21/24

**FIG. 8A**



**FIG. 8B**

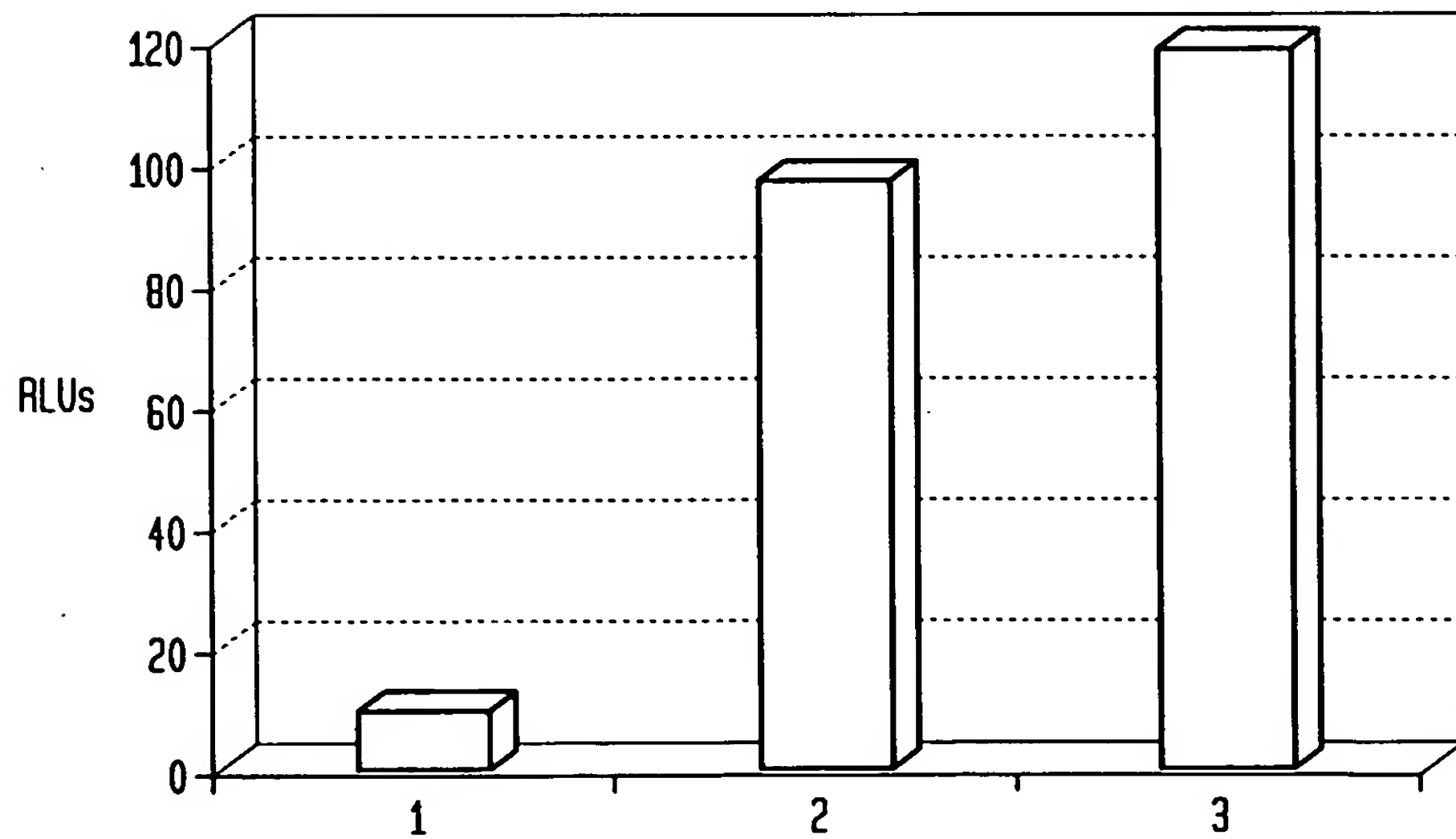


FIG. 9A

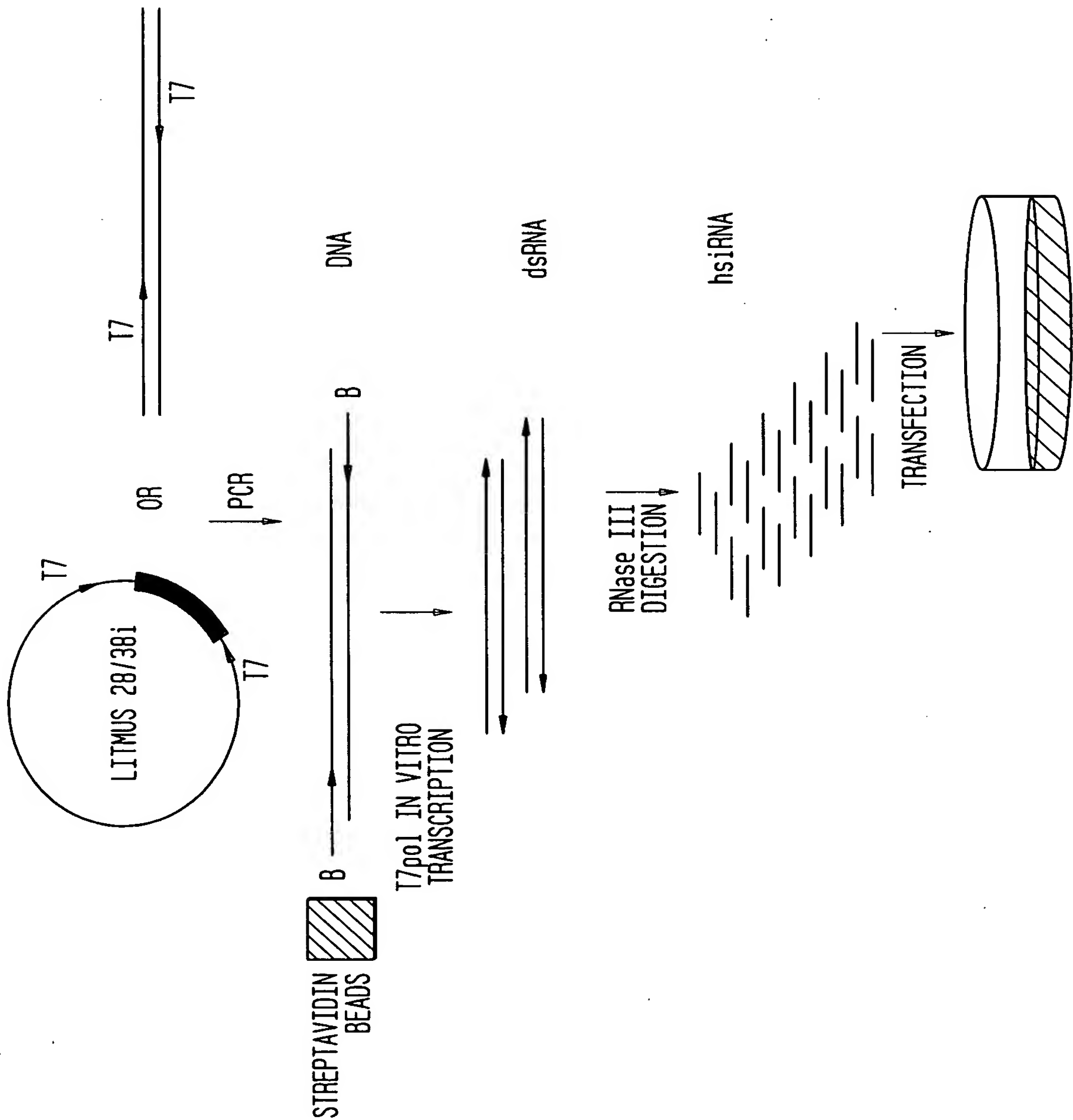
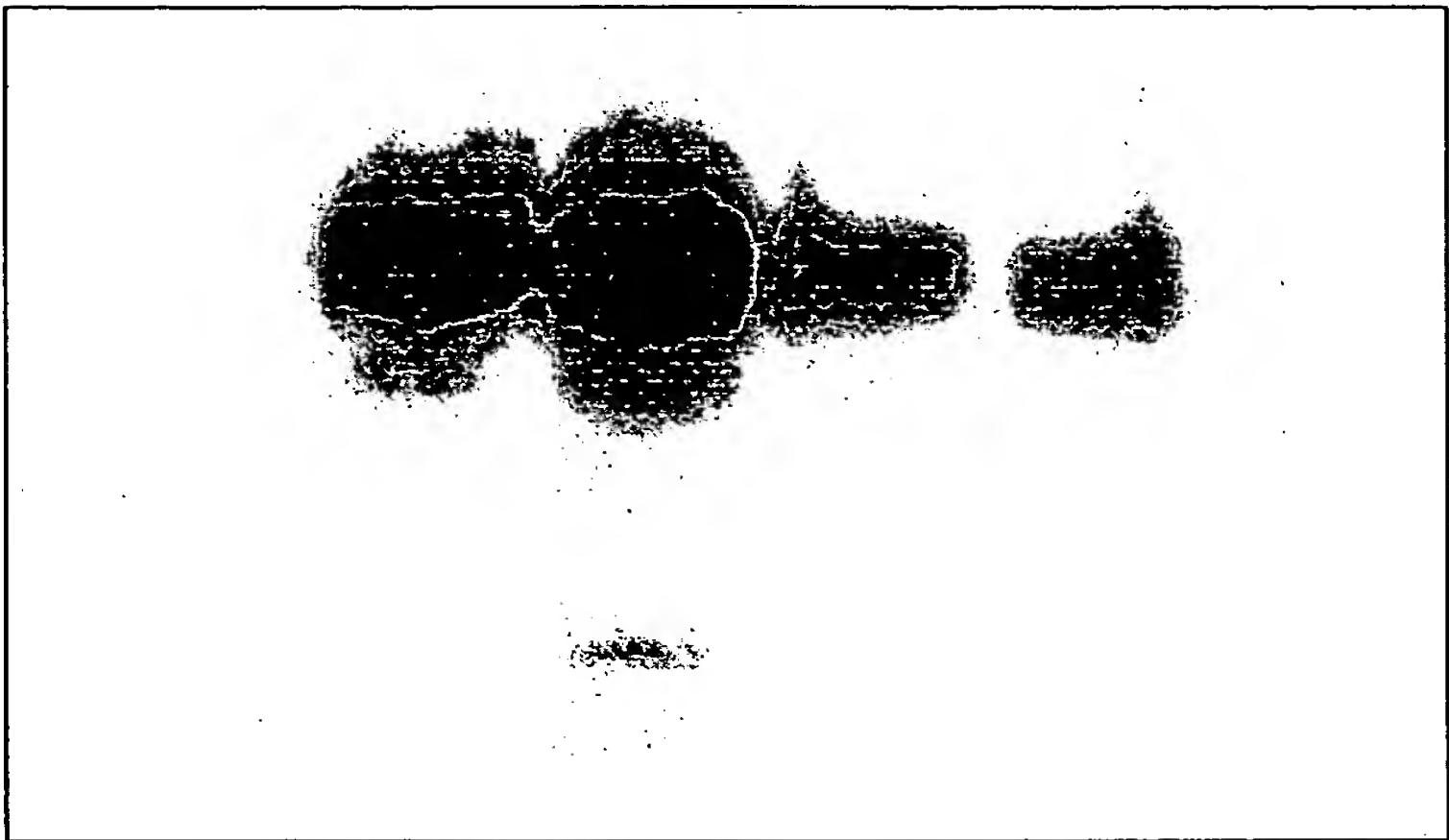
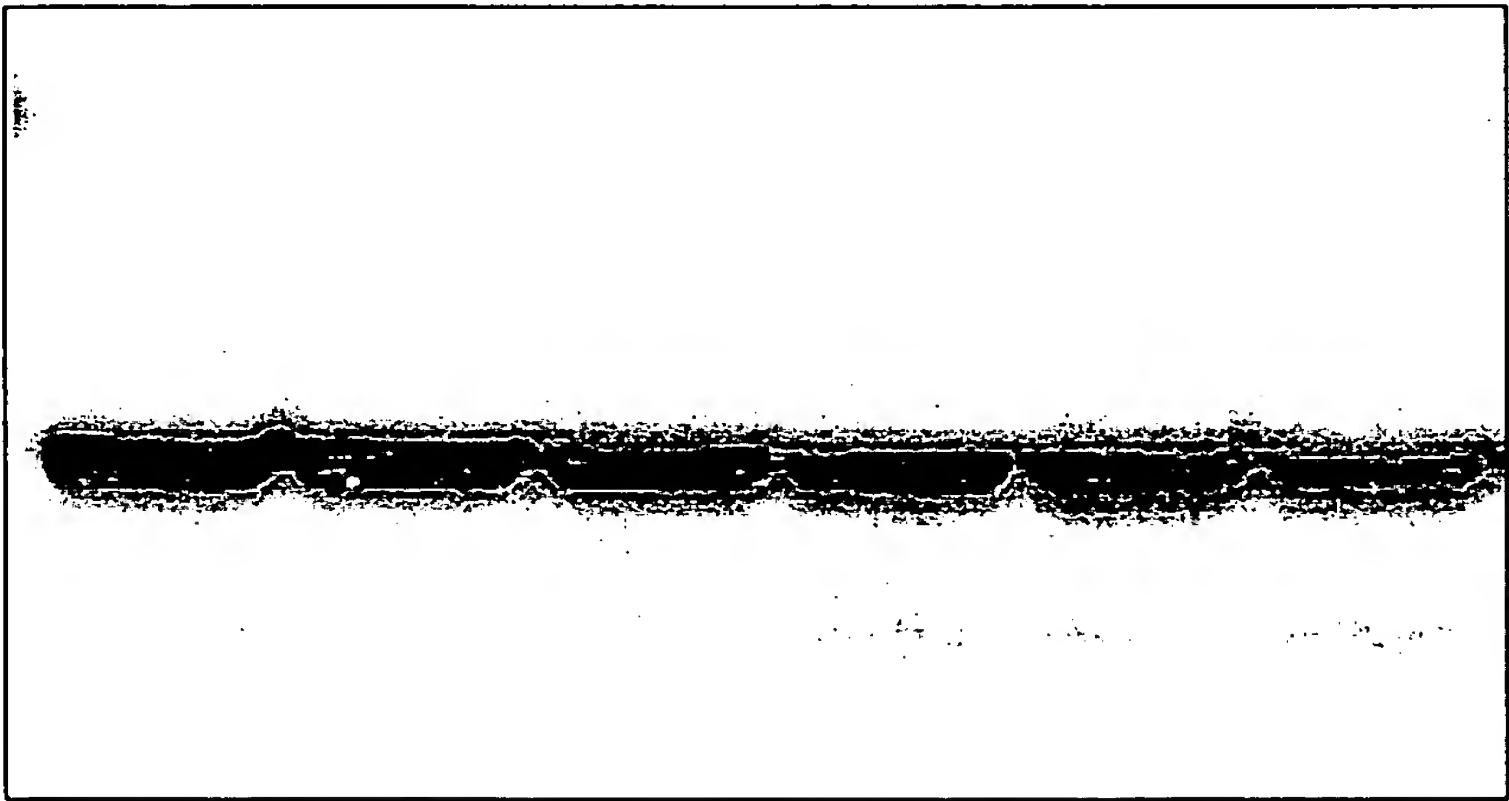


FIG. 10



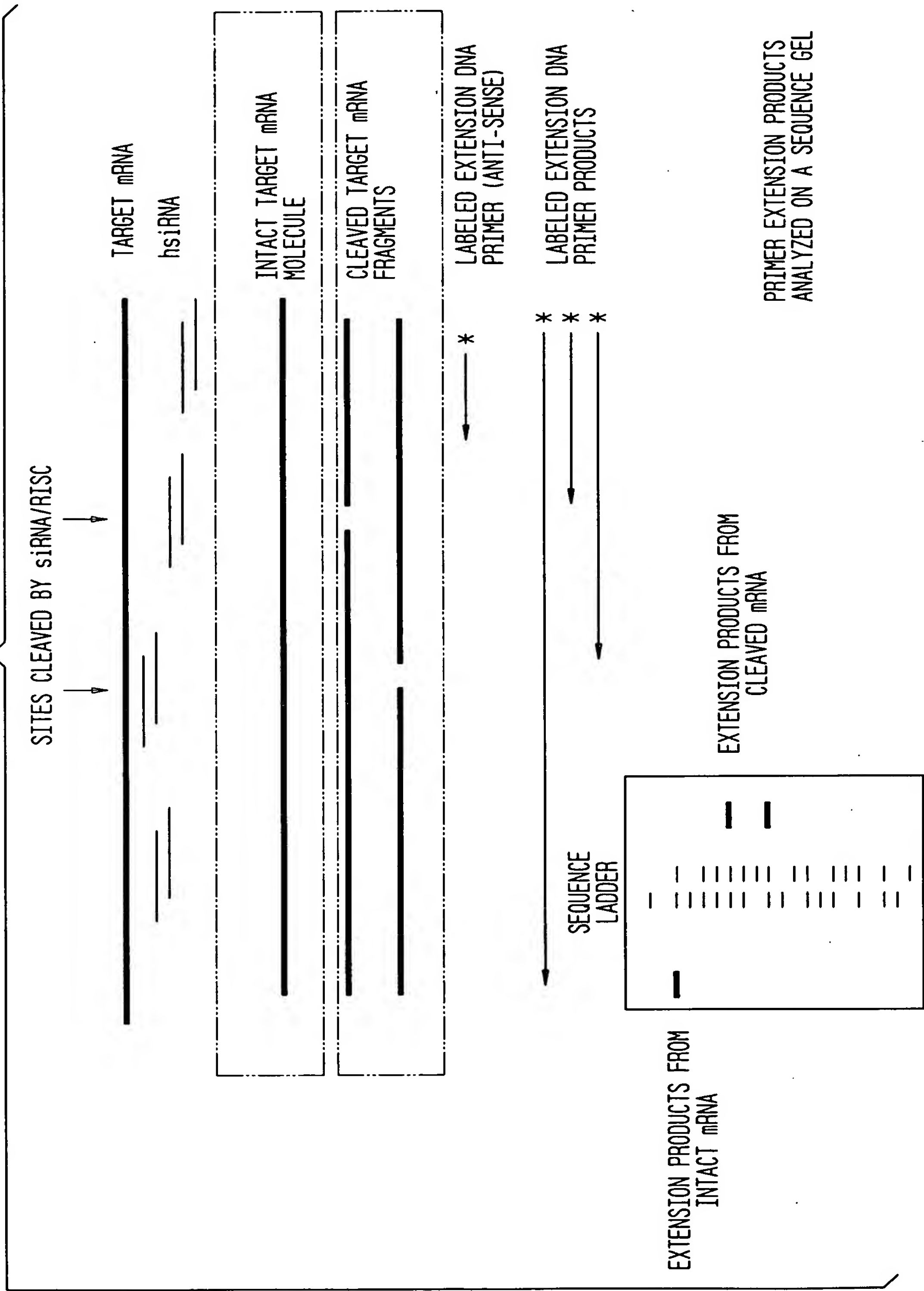
ANTI-DnMT1

1 2 3 4 5 6



ANTI-p53

FIG. 11





**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

☐ **BLACK BORDERS**

☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**

☐ **FADED TEXT OR DRAWING**

☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**

☐ **SKEWED/SLANTED IMAGES**

☒ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**

☐ **GRAY SCALE DOCUMENTS**

☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**

☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**

☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**